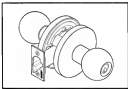




CK4200 Series

Heavy Duty Knob Lockset

Parts and Service Manual



Corbin Russwin Unifinished Hardware

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Quick Conversion

As of May 1985, Corbin Remco has introduced a new simplified product numbering system that makes it easy to identify exactly and order a complete line of replacement hardware.

Although the existing numbers have changed, the part numbers have remained the same. Identifying parts is as easy as it's always been! If you only know the old existing number, simply use the "Quick Conversion" on this page to determine the new part number. Consult the Remco Hardware Catalog (Jan-May 1985) for the current Corbin Remco Catalog.

Corbin

Existing No. (Before 8/85)	Current Part No.	Page
400	400000	4
401	400000	4
402	400000	10
403	400000	4
404	400000	10
405	400000	10
406	400000	10
407	400000	10
408	400000	10
409	400000	10
410	400000	10
411	400000	10
412	400000	10
413	400000	10
414	400000	10
415	400000	10
















Existing Part No.	Current Part No.
400000	400000
400001	400000
400002	400000
400003	400000
400004	400000
400005	400000
400006	400000

Flusswin

Existing No. (Before 8/85)	Current Part No.	Page
400	400000	4
401	400000	4
402	400000	10
403	400000	4
404	400000	10
405	400000	10
406	400000	10
407	400000	10
408	400000	10
409	400000	10
410	400000	10
411	400000	10
412	400000	10
413	400000	10
414	400000	10
415	400000	10

Existing Part No.	Current Part No.
400000	400000
400001	400000
400002	400000
400003	400000
400004	400000
400005	400000
400006	400000

Functions

	CR4000 with no Timing Advance		CR4000 with 10 Degrees Timing Advance		CR4000 with 20 Degrees Timing Advance
	CR4000 with 30 Degrees Timing Advance		CR4000 with 40 Degrees Timing Advance		CR4000 with 50 Degrees Timing Advance
	CR4000 with 60 Degrees Timing Advance		CR4000 with 70 Degrees Timing Advance		CR4000 with 80 Degrees Timing Advance
	CR4000 with 90 Degrees Timing Advance		CR4000 with 100 Degrees Timing Advance		CR4000 with 110 Degrees Timing Advance
	CR4000 with 120 Degrees Timing Advance		CR4000 with 130 Degrees Timing Advance		CR4000 with 140 Degrees Timing Advance

Timing Advance Mechanism

Do You Have the Current Model?

The CR4000 four-cylinder fuel-injection engine introduced in 1992 has two versions: the original design has undergone three stages of improvement. Model 64, Model 65 and Model 70 currently were introduced in three years. The exploded views and parts lists in this book apply to Model 70. However, many

parts are the same as described in earlier models.

The cylinder castings in major change for the introduction of Model 64. All cylinders for the original model had vertically shaped castings poured in the plug flask at one direction. Model 64 was the current 1993-1994 cylinder

Endurance. Some old cylinder functions distinguished for current years. Appendix A contains a personal reference for the cylinder cylinders. As replacement are still needed and some distribution of the new old inventory available.



CR0216 - Passage or Cased



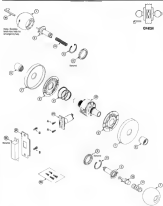
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File	Root File	Access	Permissions
1	File Information		Read, Write, Execute, Delete, Rename
2	File Information		Read, Write, Execute, Delete, Rename
3	File Information		Read, Write, Execute, Delete, Rename
4	File Information		Read, Write, Execute, Delete, Rename
5	File Information		Read, Write, Execute, Delete, Rename
6	File Information		Read, Write, Execute, Delete, Rename
7	File Information		Read, Write, Execute, Delete, Rename
8	File Information		Read, Write, Execute, Delete, Rename
9	File Information		Read, Write, Execute, Delete, Rename
10	File Information		Read, Write, Execute, Delete, Rename

[illegible]

Metric (Quality Proxy)	Hardware				GPU-Optimized Stack/Format			
	Processor		Storage		Processor		Storage	
	CPU Type	Cache Size	Disk Type	Bandwidth	CPU Type	Cache Size	Disk Type	Bandwidth
Application Performance (FPS)	Core i7-12700K	32MB	NVMe SSD	7,000 MB/s	Core i7-12700K	32MB	NVMe SSD	7,000 MB/s
	Core i5-12400	16MB	NVMe SSD	7,000 MB/s	Core i5-12400	16MB	NVMe SSD	7,000 MB/s

CR4020 - Privacy, Bedroom or Bathroom



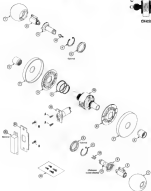


Carroll - Privacy, Bedroom or Bathroom

Part	Part No.	Quantity	Notes/Remarks	Part	Part No.	Quantity	Notes/Remarks
1	Carroll Head		Includes privacy film holder Mounts under head	14	Bedpost		Spring
2	Carroll Head	1	Head Post Mounts under head	15	Bedpost		Mounts under head, up to to complete spring
3	Carroll Head		Head Post	16	Bedpost		Mounts under head
4	Carroll Head		Head Post, under head Mounts under	17	Bedpost	1	Full Bedpost Mount
5	Carroll Head	1	Head Post	18	Bedpost		Spring, up to
6	Carroll Head	1	Head Post, up to Mounts, up to Mounts, up to	19	Bedpost	1	Carroll Mounting, up to Mounts, up to
7	Carroll Head	1	Head Post, up to Mounts, up to Mounts, up to	20	Carroll Head	1	Carroll Head, up to Mounts, up to
8	Carroll Head	1	Head Post, up to Mounts, up to Mounts, up to	21	Carroll Head	1	Carroll Head, up to Mounts, up to
9	Carroll Head	1	Head Post, up to Mounts, up to Mounts, up to	22	Carroll Head	1	Carroll Head, up to Mounts, up to
10	Carroll Head	1	Head Post, up to Mounts, up to Mounts, up to	23	Carroll Head	1	Carroll Head, up to Mounts, up to

Carroll Mounting Mount	Mount				Mount Mounting Mount			
	Mount		Mount		Mount		Mount	
	Mount	Mount	Mount	Mount	Mount	Mount	Mount	Mount
Carroll Mount	10000	10000	10000	10000	10000	10000	10000	10000

CS-1000 - Installation or Utility



Caution - Entrance or Office

Part	Part No.	Quantity	Installation
1	door (left hand)	1	door, replace inside bottom rubber seal
2	door (right)	1	replace door edge (if required)
3	door (left) 2000000000	1	door, install front seal
4	door (right) 2000000000	1	door, install
5	door (left)	1	door, install edge front seal (if req'd)
6	door (left) 2000000000 2000000000 2000000000	3	door edge, 10" x 12" door edge, 10" x 12" door edge, 10" x 12" door edge, 10" x 12" door
7	door (left) 2000000000 2000000000	2	door edge, 10" x 12" door edge, 10" x 12" door
8	door (left) 2000000000 2000000000	2	door edge, 10" x 12" door edge, 10" x 12" door

Part	Part No.	Quantity	Installation
9	door (left)	1	door
10	door (right)	1	door, install edge front seal (if req'd)
11	door (left)	1	door, install
12	door (right)	1	door, install
13	door (left)	1	door, install edge front seal (if req'd)
14	door (right)	1	door, install
15	door (left)	1	door, install edge front seal (if req'd)
16	door (right)	1	door, install
17	door (left)	1	door, install edge front seal (if req'd)
18	door (right)	1	door, install

Order (quantity)	Standard				200 Option New Feature			
	Supply		Install		Supply		Install	
	Order	Delivery	Order	Delivery	Order	Delivery	Order	Delivery
2000000000 (1000000000)	2000000000	2000000000	2000000000	2000000000	2000000000	2000000000	2000000000	2000000000

CO4201 - Entrance or Office



CR4500 - Start/Stop or Close
ITEM **ITEM NO.** **DESCRIPTION** **REMARKS/NOTES**

1	CR4500-1	Start/Stop or Close	Check solenoid valve function code
2	CR4500-2	Start/Stop or Close	Check valve (see page 44 for options)
3	CR4500-3	Start/Stop or Close	Check solenoid
4	CR4500-4	Start/Stop or Close	Check solenoid
5	CR4500-5	Start/Stop or Close	Check solenoid valve function code
6	CR4500-6	Start/Stop or Close	Check solenoid (1/2" or 3/4" size) valve (1/2" or 3/4" size) solenoid (1/2" or 3/4" size)
7	CR4500-7	Start/Stop or Close	Check solenoid (1/2" or 3/4" size) valve (1/2" or 3/4" size) solenoid (1/2" or 3/4" size)
8	CR4500-8	Start/Stop or Close	Check solenoid valve (1/2" or 3/4" size) solenoid (1/2" or 3/4" size)

ITEM **ITEM NO.** **DESCRIPTION** **REMARKS/NOTES**

9	CR4500-9	Start/Stop or Close	Check valve (see page 44 for options)
10	CR4500-10	Start/Stop or Close	Check solenoid valve (see page 44 for options)
11	CR4500-11	Start/Stop or Close	Check solenoid valve (see page 44 for options)
12	CR4500-12	Start/Stop or Close	Check solenoid valve (see page 44 for options)
13	CR4500-13	Start/Stop or Close	Check solenoid valve (see page 44 for options)
14	CR4500-14	Start/Stop or Close	Check solenoid valve (see page 44 for options)
15	CR4500-15	Start/Stop or Close	Check solenoid valve (see page 44 for options)
16	CR4500-16	Start/Stop or Close	Check solenoid valve (see page 44 for options)
17	CR4500-17	Start/Stop or Close	Check solenoid valve (see page 44 for options)
18	CR4500-18	Start/Stop or Close	Check solenoid valve (see page 44 for options)
19	CR4500-19	Start/Stop or Close	Check solenoid valve (see page 44 for options)
20	CR4500-20	Start/Stop or Close	Check solenoid valve (see page 44 for options)
21	CR4500-21	Start/Stop or Close	Check solenoid valve (see page 44 for options)
22	CR4500-22	Start/Stop or Close	Check solenoid valve (see page 44 for options)
23	CR4500-23	Start/Stop or Close	Check solenoid valve (see page 44 for options)
24	CR4500-24	Start/Stop or Close	Check solenoid valve (see page 44 for options)
25	CR4500-25	Start/Stop or Close	Check solenoid valve (see page 44 for options)
26	CR4500-26	Start/Stop or Close	Check solenoid valve (see page 44 for options)
27	CR4500-27	Start/Stop or Close	Check solenoid valve (see page 44 for options)
28	CR4500-28	Start/Stop or Close	Check solenoid valve (see page 44 for options)
29	CR4500-29	Start/Stop or Close	Check solenoid valve (see page 44 for options)
30	CR4500-30	Start/Stop or Close	Check solenoid valve (see page 44 for options)
31	CR4500-31	Start/Stop or Close	Check solenoid valve (see page 44 for options)
32	CR4500-32	Start/Stop or Close	Check solenoid valve (see page 44 for options)
33	CR4500-33	Start/Stop or Close	Check solenoid valve (see page 44 for options)
34	CR4500-34	Start/Stop or Close	Check solenoid valve (see page 44 for options)
35	CR4500-35	Start/Stop or Close	Check solenoid valve (see page 44 for options)
36	CR4500-36	Start/Stop or Close	Check solenoid valve (see page 44 for options)
37	CR4500-37	Start/Stop or Close	Check solenoid valve (see page 44 for options)
38	CR4500-38	Start/Stop or Close	Check solenoid valve (see page 44 for options)
39	CR4500-39	Start/Stop or Close	Check solenoid valve (see page 44 for options)
40	CR4500-40	Start/Stop or Close	Check solenoid valve (see page 44 for options)
41	CR4500-41	Start/Stop or Close	Check solenoid valve (see page 44 for options)
42	CR4500-42	Start/Stop or Close	Check solenoid valve (see page 44 for options)
43	CR4500-43	Start/Stop or Close	Check solenoid valve (see page 44 for options)
44	CR4500-44	Start/Stop or Close	Check solenoid valve (see page 44 for options)
45	CR4500-45	Start/Stop or Close	Check solenoid valve (see page 44 for options)
46	CR4500-46	Start/Stop or Close	Check solenoid valve (see page 44 for options)
47	CR4500-47	Start/Stop or Close	Check solenoid valve (see page 44 for options)
48	CR4500-48	Start/Stop or Close	Check solenoid valve (see page 44 for options)
49	CR4500-49	Start/Stop or Close	Check solenoid valve (see page 44 for options)
50	CR4500-50	Start/Stop or Close	Check solenoid valve (see page 44 for options)

Cable (Length/Type)	Standard				With Special Features			
	Single		Double		Single		Double	
	Model	Material	Model	Material	Model	Material	Model	Material
Cable (Length/Type)	CR4500-1	CR4500-1	CR4500-2	CR4500-2	CR4500-3	CR4500-3	CR4500-4	CR4500-4
	CR4500-5	CR4500-5	CR4500-6	CR4500-6	CR4500-7	CR4500-7	CR4500-8	CR4500-8
	CR4500-9	CR4500-9	CR4500-10	CR4500-10	CR4500-11	CR4500-11	CR4500-12	CR4500-12

*For CR4500-1, CR4500-2, CR4500-3, CR4500-4, CR4500-5, CR4500-6, CR4500-7, CR4500-8, CR4500-9, CR4500-10, CR4500-11, CR4500-12, CR4500-13, CR4500-14, CR4500-15, CR4500-16, CR4500-17, CR4500-18, CR4500-19, CR4500-20, CR4500-21, CR4500-22, CR4500-23, CR4500-24, CR4500-25, CR4500-26, CR4500-27, CR4500-28, CR4500-29, CR4500-30, CR4500-31, CR4500-32, CR4500-33, CR4500-34, CR4500-35, CR4500-36, CR4500-37, CR4500-38, CR4500-39, CR4500-40, CR4500-41, CR4500-42, CR4500-43, CR4500-44, CR4500-45, CR4500-46, CR4500-47, CR4500-48, CR4500-49, CR4500-50

CR400 - Entrance or Office



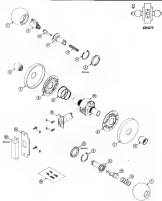
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100

CR4075 - Apartment, Exit or Public Toilet



Q40275 - Demolition



CR4300 - Store Door

ITEM	PART NO.	SPECIFY	DESCRIPTION
1	2000-000		Door 2000-000-000
2	2000-001		Door 2000-001-000
3	2000-002		Door 2000-002-000
4	2000-003		Door 2000-003-000
5	2000-004		Door 2000-004-000
6	2000-005		Door 2000-005-000
7	2000-006		Door 2000-006-000
8	2000-007		Door 2000-007-000
9	2000-008		Door 2000-008-000
10	2000-009		Door 2000-009-000
11	2000-010		Door 2000-010-000
12	2000-011		Door 2000-011-000
13	2000-012		Door 2000-012-000
14	2000-013		Door 2000-013-000
15	2000-014		Door 2000-014-000
16	2000-015		Door 2000-015-000
17	2000-016		Door 2000-016-000
18	2000-017		Door 2000-017-000
19	2000-018		Door 2000-018-000
20	2000-019		Door 2000-019-000
21	2000-020		Door 2000-020-000
22	2000-021		Door 2000-021-000
23	2000-022		Door 2000-022-000
24	2000-023		Door 2000-023-000
25	2000-024		Door 2000-024-000
26	2000-025		Door 2000-025-000
27	2000-026		Door 2000-026-000
28	2000-027		Door 2000-027-000
29	2000-028		Door 2000-028-000
30	2000-029		Door 2000-029-000
31	2000-030		Door 2000-030-000
32	2000-031		Door 2000-031-000
33	2000-032		Door 2000-032-000
34	2000-033		Door 2000-033-000
35	2000-034		Door 2000-034-000
36	2000-035		Door 2000-035-000
37	2000-036		Door 2000-036-000
38	2000-037		Door 2000-037-000
39	2000-038		Door 2000-038-000
40	2000-039		Door 2000-039-000
41	2000-040		Door 2000-040-000
42	2000-041		Door 2000-041-000
43	2000-042		Door 2000-042-000
44	2000-043		Door 2000-043-000
45	2000-044		Door 2000-044-000
46	2000-045		Door 2000-045-000
47	2000-046		Door 2000-046-000
48	2000-047		Door 2000-047-000
49	2000-048		Door 2000-048-000
50	2000-049		Door 2000-049-000
51	2000-050		Door 2000-050-000
52	2000-051		Door 2000-051-000
53	2000-052		Door 2000-052-000
54	2000-053		Door 2000-053-000
55	2000-054		Door 2000-054-000
56	2000-055		Door 2000-055-000
57	2000-056		Door 2000-056-000
58	2000-057		Door 2000-057-000
59	2000-058		Door 2000-058-000
60	2000-059		Door 2000-059-000
61	2000-060		Door 2000-060-000
62	2000-061		Door 2000-061-000
63	2000-062		Door 2000-062-000
64	2000-063		Door 2000-063-000
65	2000-064		Door 2000-064-000
66	2000-065		Door 2000-065-000
67	2000-066		Door 2000-066-000
68	2000-067		Door 2000-067-000
69	2000-068		Door 2000-068-000
70	2000-069		Door 2000-069-000
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73	2000-072		Door 2000-072-000
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80	2000-079		Door 2000-079-000
81	2000-080		Door 2000-080-000
82	2000-081		Door 2000-081-000
83	2000-082		Door 2000-082-000
84	2000-083		Door 2000-083-000
85	2000-084		Door 2000-084-000
86	2000-085		Door 2000-085-000
87	2000-086		Door 2000-086-000
88	2000-087		Door 2000-087-000
89	2000-088		Door 2000-088-000
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91	2000-090		Door 2000-090-000
92	2000-091		Door 2000-091-000
93	2000-092		Door 2000-092-000
94	2000-093		Door 2000-093-000
95	2000-094		Door 2000-094-000
96	2000-095		Door 2000-095-000
97	2000-096		Door 2000-096-000
98	2000-097		Door 2000-097-000
99	2000-098		Door 2000-098-000
100	2000-099		Door 2000-099-000
101	2000-100		Door 2000-100-000
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103	2000-102		Door 2000-102-000
104	2000-103		Door 2000-103-000
105	2000-104		Door 2000-104-000
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138	2000-137		Door 2000-137-000
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169	2000-168		Door 2000-168-000
170	2000-169		Door 2000-169-000
171	2000-170		Door 2000-170-000
172	2000-171		Door 2000-171-000
173	2000-172		Door 2000-172-000
174	2000-173		Door 2000-173-000
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184	2000-183		Door 2000-183-000
185	2000-184		Door 2000-184-000
186	2000-185		Door 2000-185-000
187	2000-186		Door 2000-186-000
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191	2000-190		Door 2000-190-000
192	2000-191		Door 2000-191-000
193	2000-192		Door 2000-192-000
194	2000-193		Door 2000-193-000
195	2000-194		Door 2000-194-000
196	2000-195		Door 2000-195-000
197	2000-196		Door 2000-196-000
198	2000-197		Door 2000-197-000
199	2000-198		Door 2000-198-000
200	2000-199		Door 2000-199-000
201	2000-200		Door 2000-200-000
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203	2000-202		Door 2000-202-000
204	2000-203		Door 2000-203-000
205	2000-204		Door 2000-204-000
206	2000-205		Door 2000-205-000
207	2000-206		Door 2000-206-000
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213	2000-212		Door 2000-212-000
214	2000-213		Door 2000-213-000
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221	2000-220		Door 2000-220-000
222	2000-221		Door 2000-221-000
223	2000-222		Door 2000-222-000
224	2000-223		Door 2000-223-000
225	2000-224		Door 2000-224-000
226	2000-225		Door 2000-225-000
227	2000-226		Door 2000-226-000
228	2000-227		Door 2000-227-000
229	2000-228		Door 2000-228-000
230	2000-229		Door 2000-229-000
231	2000-230		Door 2000-230-000
232	2000-231		Door 2000-231-000
233	2000-232		Door 2000-232-000
234	2000-233		Door 2000-233-000
235	2000-234		Door 2000-234-000
236	2000-235		Door 2000-235-000
237	2000-236		Door 2000-236-000
238	2000-237		Door 2000-237-000
239	2000-238		Door 2000-238-000
240	2000-239		Door 2000-239-000
241	2000-240		Door 2000-240-000
242	2000-241		Door 2000-241-000
243			

Chassis Assembly Component Parts - Index

Part No.	Part No.	Page	Part No.	Part No.	Page
CM4010	CM4010-01	20	CM4020	CM4010-01	20
CM4020	CM4010-01	20	CM4030	CM4010-01	20
CM4030	CM4010-01	20	CM4040	CM4010-01	20
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CM4050	CM4010-01	20	CM4060	CM4010-01	20
CM4060	CM4010-01	20	CM4070	CM4010-01	20

Chassis Assembly - CM4010

ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
1	CM4010-01	Chassis Case	1	CM4010-01	Base Case Assembly 40-50x 10"
2	CM4010-01	Mounting Plate Assembly (Includes Base No. 1, 2, and 3)	2	CM4010-01	Mounting
3	CM4010-01	Mount 2 (Mounting Assembly)	3	CM4010-01	Mounting
4	CM4010-01	Mounting Plate	4	CM4010-01	Mounting Assembly
5	CM4010-01	Mounting Plate Assembly	5	CM4010-01	Mount
6	CM4010-01	Mount			



*For 40-50x 10" change "10" to "12"

Chassis Assembly – CX4020, CX4030, CX4061, CX4070

ITEM	PART NO.	DESCRIPTION
1	00000000	Chassis Case
2	00000000	Chassis Cap Assembly (Includes Screws 10, 11 and 12)
3	00000000	Front & Rear Feet Assembly
4	00000000	Front Feet
5	00000000	Spring Steel Bolts
6	00000000	Top
7	00000000	Chassis Case Assembly (Includes 13)
8	00000000	13-Feet

ITEM	PART NO.	DESCRIPTION
9	00000000	Chassis
10	00000000	Front Chassis
11	00000000	Top
12	00000000	Front & Rear Assembly
13	00000000	Front Feet, Chassis, Front Feet, Chassis
14	00000000	Front Feet, Chassis
15	00000000	Spring Steel Bolts



Front & Rear Feet Assembly (Includes 13)

Chassis Assembly - 064200

ITEM	ITEM NO.	DESCRIPTION
10	064200-01	Chassis Case
11	064200-02	Bracket for mounting Exhaust Valve, 064200-01
12	064200-03	Frame & Receiver Assembly
13	064200-04	Receiver Ring
14	064200-05	Spring, Shock Absorber
15	064200-06	Wash
16	064200-07	Shock Mount Assembly, 064200-06

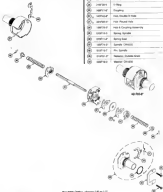
ITEM	ITEM NO.	DESCRIPTION
17	064200-08	Spring
18	064200-09	Coil Spring
19	064200-10	Roller Assembly
20	064200-11	Roll
21	064200-12	Roll Assembly Assembly
22	064200-13	Receiver Mount
23	064200-14	Spring, Receiver Mount



Chassis Assembly - CA4232

ITEM	ITEM NO.	DESCRIPTION
1	104702-01	Chassis Case
2	104703-01	Chassis Top Assembly (Includes Screws 10, 11, and 12)
3	104704-01	Frontal Reinforce Assembly

ITEM	ITEM NO.	DESCRIPTION
4	104705-01	Reinforce Bolt
5	104706-01	Normal Lock Washer
6	104707-01	Washers
7	104708-01	Lock Wash Assembly (Wash & Nut)
8	104709-01	Washer
9	104710-01	Washer
10	104711-01	Washer
11	104712-01	Washer
12	104713-01	Washer
13	104714-01	Washer
14	104715-01	Washer
15	104716-01	Washer
16	104717-01	Washer
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83	104784-01	Washer
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85	104786-01	Washer
86	104787-01	Washer
87	104788-01	Washer
88	104789-01	Washer
89	104790-01	Washer
90	104791-01	Washer
91	104792-01	Washer
92	104793-01	Washer
93	104794-01	Washer
94	104795-01	Washer
95	104796-01	Washer
96	104797-01	Washer
97	104798-01	Washer
98	104799-01	Washer
99	104800-01	Washer



For more information, please call 1-800-451-1111

Chassis Assembly – CR1001, CR1072

Step	Roll No.	Description	Step	Roll No.	Description
1	CR1001-1	Mount Base	7	CR1001-7	Coupling
2	CR1001-2	Mount Top Assembly (Includes Items 3, 4, 5 and 6)	8	CR1001-8	Mount Housing
3	CR1001-3	Roller & Retainer Assembly	9	CR1001-9	Roller Bush/Driver
4	CR1001-4	Roller Bush	10	CR1001-10	Roller Bush/Idler
5	CR1001-5	Spring Bush/Driver	11	CR1001-11	Spring Idler/Idler
6	CR1001-6	Roller	12	CR1001-12	Spring Bush
7	CR1001-7	Roller Bush/Assembly 20-20-1/2"	13	CR1001-13	Spacers
8	CR1001-8	Coupling	14	CR1001-14	Roller Spacers



For 2000 Series, change 1/2" to 1"

Chassis Assembly - CR4200

ITEM	QTY	DESCRIPTION
1	1	Chassis Case
2	1	Chassis Top Assembly (Includes Screws, etc. in assembly)
3	1	Power & Motor Assembly
4	1	Control Box
5	1	Control Box Mounting
6	1	Control Box Mounting

ITEM	QTY	DESCRIPTION
7	1	Control Box Mounting (CR4200)
8	1	Control Box Mounting
9	1	Control Box Mounting
10	1	Control Box Mounting
11	1	Control Box Mounting
12	1	Control Box Mounting
13	1	Control Box Mounting
14	1	Control Box Mounting
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100	1	Control Box Mounting



Chassis Assembly - CR4257

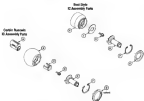
ITEM	PART NO.	DESCRIPTION
1	10071512	Chassis Case
2	10071512	Chassis Case Assembly (Includes Item 10, 11, 12, 13)
3	10071512	Frontal Release Assembly
4	10071512	Release Arm
5	10071512	Spring Mount Assembly

ITEM	PART NO.	DESCRIPTION
6	10071512	Top
7	10071512	Chassis Case Assembly (10, 11, 12, 13)
8	10071512	Frontal Release Assembly
9	10071512	Release Arm
10	10071512	Spring Mount Assembly
11	10071512	Top
12	10071512	Frontal Release Assembly
13	10071512	Release Arm
14	10071512	Spring Mount
15	10071512	Frontal Release Assembly
16	10071512	Release Arm
17	10071512	Spring Mount
18	10071512	Frontal Release Assembly
19	10071512	Release Arm



For more details, please refer to the manual.

Interchangeable Core Configuration



ITEM	PLATE NO.	SPECIFY	DESCRIPTION
1	001	IN	INTE. Core
	002	IN	INTE. Core
	003	IN	INTE. Core
	004	IN	INTE. Core
2	005	IN	INTE. Core
	006	IN	INTE. Core
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156	313	IN	INTE. Core
	314	IN	INTE. Core
157	315	IN	INTE. Core
	316	IN	INTE. Core
158	317	IN	INTE. Core
	318	IN	INTE. Core
159	319	IN	INTE. Core
	320	IN	INTE. Core
160	321	IN	INTE. Core
	322	IN	INTE. Core
161	323	IN	INTE. Core
	324	IN	INTE. Core
162	325	IN	INTE. Core
	326	IN	INTE. Core
163	327	IN	INTE. Core
	328	IN	INTE. Core
164	329	IN	INTE. Core
	330	IN	INTE. Core
165	331	IN	INTE. Core
	332	IN	INTE. Core
166	333	IN	INTE. Core
	334	IN	INTE. Core
167	335	IN	INTE. Core
	336	IN	INTE. Core
168	337	IN	INTE. Core
	338	IN	INTE. Core
169	339	IN	INTE. Core
	340	IN	INTE. Core
170	341	IN	INTE. Core
	342	IN	INTE. Core
171	343	IN	INTE. Core
	344	IN	INTE. Core
172	345	IN	INTE. Core
	346	IN	INTE. Core
173	347	IN	INTE. Core
	348	IN	INTE. Core
174	349	IN	INTE. Core
	350	IN	INTE. Core
175	351	IN	INTE. Core
	352	IN	INTE. Core
176	353	IN	INTE. Core
	354	IN	INTE. Core
177	355	IN	INTE. Core
	356	IN	INTE. Core
178	357	IN	INTE. Core
	358	IN	INTE. Core
179	359	IN	INTE. Core
	360	IN	INTE. Core
180	361	IN	INTE. Core
	362	IN	INTE. Core
181	363	IN	INTE. Core
	364	IN	INTE. Core
182	365	IN	INTE. Core
	366	IN	INTE. Core
183	367	IN	INTE. Core
	368	IN	INTE. Core
184	369	IN	INTE. Core
	370	IN	INTE. Core
185	371	IN	INTE. Core
	372	IN	INTE. Core
186	373	IN	INTE. Core
	374	IN	INTE. Core
187	375	IN	INTE. Core
	376	IN	INTE. Core
188	377	IN	INTE. Core
	378	IN	INTE. Core
189	379	IN	INTE. Core
	380	IN	INTE. Core
190	381	IN	INTE. Core
	382	IN	INTE. Core
191	383	IN	INTE. Core
	384	IN	

Knob Shank Comparison Guide
Knob Shanks

Part No.	Part No.	Part No.
400001	400002	400003
400004	400005	400006
400007	400008	400009
400010	400011	400012
400013	400014	400015
400016	400017	400018
400019	400020	400021
400022	400023	400024
400025	400026	400027
400028	400029	400030
400031	400032	400033
400034	400035	400036
400037	400038	400039
400040	400041	400042



400001



400002



400003



400004



400005



400006



400007



400008



400009

Optional Parts
Lock/Pins (Security Knob)


Lock/Pins with Keyed Cylinder	PIN	LOCK CODE
1/2" Shaker	Standard 1/2" x 1/2" Shaker Lock/Pins	400100-0
	Pin 1/2" x 1/2" Square Corner Pins	400100-0
1/2" Shaker	Standard 1/2" x 1/2" Square Corner Pins	400100-0
	Pin 1/2" x 1/2" Square Corner Pins	400100-0
1" Shaker	Standard 1" x 1" Shaker Lock/Pins	400100-0
	Pin 1" x 1" Square Corner Pins	400100-0
1" Shaker	Standard 1" x 1" Shaker Lock/Pins	400100-0
	Pin 1" x 1" Square Corner Pins	400100-0

Cross Reference – Lockset Parts
(Part cross reference does not indicate correct order and option letters.)

Part Number	Description	004010	004020	004030	004040	004050	004060	004070	004080	004090	004100	004110	004120
004010-1	Spring Mechanism		•	•	•					•			•
004010	Four Bolts Assembly		•		•					•			•
004010-2	Two Bolts Assembly						•						
004010	Four Bolts Assembly			•									
004010-3	Spring Handle		•										
004010-4	Spring Handle				•			•	•				•
004010-5	Plug Drive					•		•	•		•	•	•
004010-6	Plug Drive Assembly											•	
004010-7	Plug Drive Assembly												•
004010-8	Plug Drive Assembly									•			•
004010-9	Plug Drive Assembly							•					
004010-10	Plug Drive Assembly (locking)						•					•	
004010-11	Release or wedge pin				•								•
004010-12	Locking Bolt												•
004010-13	Emergency Key		•										
004010-14	Instruction Label			•									
004010-15	Adapter Plate						•				•		
004010-16	Removal/Insertion of Wedge Pin						•				•		
004010-17	Lock Assembly (New)	•	•	•	•								
004010-18	Lock Assembly (Overlocking)			•	•		•	•	•	•		•	•
004010-19	Anti-rattle	•	•	•	•	•	•	•	•	•	•	•	•
004010-20	Anti-rattle (for use with 004010-19)	•	•	•	•	•	•	•	•	•	•	•	•
004010-21	Door Finish					•				•			
004010	Door Finish (to finish to order)	•	•	•	•	•	•	•	•	•	•	•	•

Answer: **Answer: C**

[illegible]

Cross Reference - Chassis Parts

(Parts cross reference does not include parts for production update options.)

Code	Part No.	Description	On-1200	On-1200	On-1200	On-1200	On-1200	On-1200	On-1200	On-1200	On-1200	On-1200	On-1200	On-1200
100	100000-0	Spindle & Hub Pin Assembly								1				
100	100000-0	Spindle Assembly Long Wheel												1
100	100000-0	Spindle Assembly Intermediate												1
100	100000-0	Pin, Spindle					1	1		1		1		1
100	100000-0	Pin, Spindle		1	1	1							1	
100	100000-0	Pin, Spindle								1				
100	100000-0	Spring, Pin, Spindle		1	1	1				1		1		
100	100000-0	Pin, Spindle, Double Wheel												1
100	100000-0	Pin, Spindle					1							
100	100000-0	Pin, Spindle												1

Routine Maintenance

Periodic adjustment and maintenance will substantially lengthen the life of the lockset and ensure the best possible trouble-free operation.

These factors will be following maintenance items are based on normal frequency of operation. For high traffic or high abuse applications, perform suggested maintenance more frequently.

If you have questions regarding installation or adjustment, contact an authorized United States distributor or local sales representative.

Lubricate Lockset

Lubricate pneumatic cylinders with clean, viscous oil (see below) regularly or daily. Lubricate annually every six months. Maximum rated rated spray lubricants such as WD-40™ and LPS-1™ should only be used on cylinders which are otherwise recommended and should never be used with the aforementioned dry lubricants. For high capacity cylinders use DryLube™ spray.



Lubricate Moving Parts

Lubricate moving parts of handle and test the clearance with a small amount of grease or other petroleum lubricant every two years.



Tighten Bolts

Check lockset for loose fastening in door every a year. Use spacers around all inside handle to replace as needed.

Clean the Lockset Finish

Clean lockset using only a soft, damp cloth. Using heavier cleaners, caustic or other abrasive cleaners or polishes could damage the coating, resulting in rusting.

Tools

Illustration	Part No.
	27101
	27102-0
	27102-0

Troubleshooting Guide

Problem 1-A

Solution 1-A

1. Flywheel slotted tangs or bolts on rotor.



(Correct Positioning)



(Correct Positioning)



2. Motor windings and brush not placed and there is overloading on frame.



3. Are tapers right? Fill holes if necessary or adjust door if motor without hole.



4. Insure proper alignment, positioning or timing make sure when components for the condition.



5. Is level of rotor sagging? If rotor and brush cannot be returned to place without sagging, placing in starting door and repositioning or cleaning rotor may help. Reaming bearings may also help.

6. Replace, reposition or adjust repositioning of door rollers, if necessary.

7. If backlash is present, be sure it does NOT wear hole in rotor when door closes. If necessary reposition roller to adjust overhauling or door rollers. Study wear hole should wear roller.

1. Key operates with difficulty.

2. Is key binding due to lost key or development of flat and under? (Use 1A thru 1F.)

3. Under no keyway. Do not use petroleum products. Apply petroleum product to key surfaces slowly as and out. For high capacity cylinders, spray (Molykote®) into keyway and insert key in and out.

4. Key may be critical in situation. Use calipers or micrometer to check key against published factory specifications. Replace key if necessary.

5. Cylinder may be improperly conditioned. (Overhaul cylinder (do not over oil), clean all parts and compare to published factory specifications. Recondition if necessary.



Removing Cylinder for Packing or Other Service

1. Using square wrench T87P61A, remove screws at base of valve body as far as possible and back over and tear away from door surface, allowing forward access to lock body.
2. Using small screwdriver or other probe, push spring loaded bolt counter toward finger edge of door. While pressure is pushed, pull lock body off door. In alternate bolt arrangement (Figure 1 depicts a finger spring) that is normally available.



Figure 1
Access to Valve Body Assembly

3. After removing double counter nut and pin, lock out of door from inside.



Figure 2
Access From Inside



Figure 3
Access From Outside

For more information regarding Corbin Russwin Products,
call 1-800-368-7222. For a complete listing of products, contact your
preferred Corbin Russwin Distributor or Sales Representative.



In U.S.A.
Corbin Russwin Performance Hardware
1000 Corporate Dr.
Moline, IL 61704
Phone 312.336.6262 Fax 312.336.6271

In Canada
Corbin Russwin Canada
1000 Corporate Drive
Mississauga, Ontario L4V 1B4
Phone 905.881.1882 or 905.881.2444
Fax 905.881.0886 or 905.881.1822